# Use Attainability Analysis

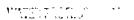
for

WBID 3372 Workman Branch

Submitted by Missouri Department of Natural Resources Staff

To Missouri Department of Natural Resources Water Protection Program

Date Received: July 19, 2005



### Data Sheet A - Water Body Identification

8-digit HUC: 11010002	
Missouri WBID #: 3372 -3	
County: Greene	
Upstream Legal Description: 15 18 27	
Upstream Legal Description: 28 22  Downstream Legal Description: 28 22  Upstream Coordinates: 28 22	
Upstream Coordinates: 471830 4110605	
Downstream Coordinates: 471875 416979	5
Discharger Facility Name(s):	
Discharger Permit Number(s):	
Number of Sites Evaluated: 3 sites	
Name of Surveyor and Telephone Number: Dick Header	417-830-0296
Organization: DNA	
Position: Some Scientist TV	

Date: 7-14-05 Signed:

September 29, 2004 Page 1

#### Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

			01: 7 1: 70		
Missouri WBID #:	5372-1		Site Location Des	scription:	
Site GPS Coordinates: 4	71830,411	0605	Rami	mehas + cr	·K
Date & Time: 6	3105	-	Facility Name:		
Personnel: Hend	2 50V -		Permit Number:		
Current Weather Condition			Weather Condition	ons for Past 7 days:	the deal li
Photo Ids: Upstream Wh	4 3372-1 Downstre	am:wB1	0 3372 2 Other:		
			J , , , , ,		
Uses Observed*:					
Swimming	Skin diving	SCU	JBA diving	☐ Tubing	Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boa	ting	Wading	Rafting
Hunting	Trapping	Fish	ing	None of the above	Other:
Surrounding Conditions	s*: (Mark all that prome	ote or imp	ede recreational us	es. Attach photos of evider	ace or unusual
items of interest.)				·	y
City/county parks	☐ Playgrounds ☐	MDC con	servation lands	Urban areas	Campgrounds
☐ Boating accesses	State parks	National	forests	☐ Nature trails	Stairs/walkway
☐ No trespass sign	☐ Fence ☐	Steep slop	pes	Other: Jour	
Eridones of Western Year	. 4-				
Evidence of Human Use	Foot paths/prints		ock/platform	Livestock Watering	RV / ATV Tracks
Rope swings	Camping Sites		re pit/ring	NPDES Discharge	Fishing Tackle
VII Others 1 1			re bivinig	MEDES DISCHARGE	Training rackie
Mount. Van	<u>×</u>				

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

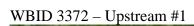
<sup>\*</sup>Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

1	Data Sheet B - Site Characterization
Page Two - WBID #3372-	

Riffle Width	(ft):	Length (ft):	Avg. Depth (	ft):	Max. Depth (ft):
Run Width	(ft):	Length (ft):	Avg. Depth (	ft):	Max. Depth (ft):
Pool Width	(ft): 25 (ft)	Length (ft):	O Avg. Depth (	(t): 60 -	Max. Depth (ft): O
Flow Presen	17 Yes 🙀	<b>D</b> %	Estimated (ft	J/sec):	
Downstream Vi	ew Physical D	imensions:			
Riffle Width		Length (ft):	Avg. Depth (	(ft):	Max. Depth (ft):
K Run Width	(ft): 4	Length (ft): 1 C	Avg. Depth (	(ft): 2	Max. Depth (ft): 4
Pool Width	(ft):	Length (ft):	Avg. Depth (	(ft):	Max. Depth (ft):
Flow Presen	r? Yes 7		Estimated (fi	3/sec):	
bstrate*: (These % Cobble		Gravel	% Sand	% Silt	% Mud/Chay % Bedr
uatic Vegetation		t of vegetation or a	lgal growth at the asse	ssment site)	
The second second	2		lgal growth at the asse	ssment site)	
alga	2		lgal growth at the asse	ssment site)	Other:
ater Characteri	sties*: (Mark all	i that apply.)			Other:
ater Characteris Odor: Color: Bottom Deposit:	stics*: (Mark all Sewage Clear Sludge	i that apply.)  Musky Green Solids	Chemical Gray Fine sediments	None Milky None	Other:
ater Characteris Odor: Color: Bottom Deposit: Surface Deposit:	Stics*: (Mark all Sewage Clear Sludge Oil	that apply.)  Musky Green Solids Scum	Chemical Gray Fine sediments Foam	☐ None ☐ Milky ☐ None ☐ None	Other:
ater Characteris Odor: Color: Bottom Deposit: Surface Deposit: omments: Please his information is no mprehensive underst	Stics*: (Mark all Sewage Clear Sludge Oil attach addition to be used solel anding of water con use analysis be	i that apply.)  Musky Green Solids Scum  nal comments (i	Chemical Gray Fine sediments Foam including informat recreational use design uently, this information	None Milky None None None ion from intervenation but rather is not intended her analysis or that	Other: Other: Other: oriews) to this form.
ater Characteric Odor: Color: Bottom Deposit: Surface Deposit: omments: Please his information is no imprehensive underst cision on the recreati	Stics*: (Mark all Sewage Clear Sludge Oil attach addition to be used solel anding of water con use analysis be	i that apply.)  Musky Green Solids Scum  nal comments (i	Chemical Gray Fine sediments Foam including informat recreational use design uently, this information	None Milky None None None ion from intervenation but rather is not intended her analysis or that	Other: Other: Other: oriews) to this form.  s to provide a more to directly influence a t effect another use.

WBID 3372 – Downstream #1







#### Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #:	3372-2	2	Site Location De		
Site GPS Coordinates: ¿	471800, 4110	270	Rep	ublic Rd	
Date & Time: 6	13105		Facility Name:	A CONTRACTOR OF THE PARTY OF TH	
Personnel:	dans		Permit Number:		
Current Weather Condit	ions: 0 0	_	Weather Conditi	ons for Past 7 days:	in last wk
Photo Ids: Upstream:	Qu 3372-2 Dov	vnstream:L	160 3372 Other		10001
	754 77754		0.00 7712 2		
es Observed*:					
Swimming	Skin diving		SCUBA diving	Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking		Boating	☐ Wading	Rafting
Hunting	Trapping	П	Fishing	None of the above	Other:
		reating, fre	quency of use, photo-	documentation of evidence	Total Control of the
روسی د ۷۰۰۰ ک	per of individuals rec	reating, fre	equency of use, photo-		of recreational uses, et
رفس دسد ا	per of individuals rec	promote or	equency of use, photo-	documentation of evidence	of recreational uses, et
rrounding Conditions of interest.)	ns*: (Mark all that	promote or	impede recreational u	documentation of evidence	of recreational uses, en
rrounding Conditions of interest.)	ns*: (Mark all that	promote or	impede recreational u	documentation of evidence	of recreational uses, et
rrounding Conditions of interest.)  City/county parks  Boating accesses  No trespass sign	ns*: (Mark all that processes   Playgrounds   State parks   Fence	promote or	impede recreational u	documentation of evidence	of recreational uses, etc
rrounding Conditions of interest.)  City/county parks	ns*: (Mark all that processes   Playgrounds   State parks   Fence	promote or  MDC  Natio	impede recreational u	documentation of evidence	of recreational uses, etc

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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## Data Sheet B - Site Characterization

	3	Data Sheet B
Page Two - WBID	# 3372-	7

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	all that apply.)	Па	vernical	₩ None		Other		
Sewage	all that apply.)		emical	None Miller		Other:		
	all that apply.)	Gr		None Milky		Other: Other:		
1	t):  Yes  alues should  (note amo	t): Length (ft):  Tyes No  alues should add up to 100%.)  % Gravel	t): Length (ft):  R): Length (ft):  Yes No Standard up to 100%.)  % Gravel % San  *: (note amount of vegetation or algal grow	t): Length (ft): Avg. Depth (ft): Avg. D	th: Length (ft): Avg. Depth (ft):  Avg. Depth (ft):  Avg. Depth (ft):  Yes No Standard (ft) solution of Standard (ft) solu	th: Length (ft): Avg. Depth (ft): N  The Length	th: Length (ft): Avg. Depth (ft): Max. Depth  The Length (ft): Avg. Depth (ft): Max. Depth (ft): Max. Depth  The Length (ft): Avg. Depth (ft): Max. Depth (ft): Ma	th: Length (ft): Avg. Depth (ft): Max. Depth (ft):  The Length (ft): Avg. Depth (ft): Max. Depth (ft):  Yes No Stantage (ft): Max. Depth (ft):  Avg. Depth (ft): Max. Depth (ft):  Stantage (ft): Max. Depth (ft):  Avg. Depth (ft): Max. Depth (ft):  Max. Depth (ft):  Max. Depth (ft):  Stantage (ft): Max. Depth (ft):  Max. Depth (ft):  Max. Depth (ft):  Max. Depth (ft):  Max. Depth (ft):  Stantage (ft): Max. Depth (ft):  Max. Depth (ft):  Max. Depth (ft):  Stantage (ft): Max. Depth (ft):  Max. Depth (ft):  Stantage (ft): Max. Depth (ft):  Stantage (ft): Max. Depth (ft):  Max. Depth (ft):  Stantage (ft): Max. Depth (ft):  Stantage (ft): Max. Depth (ft):  Max. Depth (ft):  Max. Depth (ft):  Stantage (ft): Max. Depth (ft): Max. Depth (ft):  Stantage (ft): Max. Depth (ft): Max. Depth (ft):  Stantage (ft): Max. Depth (ft): Max. Depth (ft): Max. Depth (ft)

WBID 3372 – Downstream #2



WBID 3372 – Upstream #2



#### Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: 33	372-3		Site Location D	Pescription:	
Site GPS Coordinates:		19 790	5		
Date & Time: 1:151	m 6/6/05		Facility Name:		
Personnel: Dick HG			Permit Number	,	
Current Weather Condit			Weather Condi	tions for Past 7 days:	
Photo Ids: Upstream:		wnstream:	Oth	er	
Ob	-				
Swimming	Skin diving	In	SCUBA diving	Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	-	Boating	Wading	Rafting
The second secon	C reayaking				The Control of the Co
Hunting Describe: (include numb No FLOW IN STRAM CVEN	DRAINACEWAY	reating, fre		None of the above  documentation of evidence  SCEPT Brief A	
Describe: (include number No. Flow in STOLM CVEN	DRATAM COWAY	reating, fre	quency of use, photo	-documentation of evidence	of recreational uses, et
Describe: (include number No. Flow in STOLM CVEN	DRATAM COWAY	promote or	quency of use, photo	-documentation of evidence	of recreational uses, et
Describe: (include numb  No FLOW IN  STDAM CVEN  rounding Conditions of interest.)	DRATAMCGWAY	promote or	quency of use, photo	uses. Attach photos of evidence	of recreational uses, et
Describe: (include number No FLOW IN STRAM CUEN TOURNESSED OF Interest.)	DRATAMCGUAY	promote or	impede recreational conservation lands	uses. Attach photos of evidence	of recreational uses, et
Poscribe: (include number No FLOW IN STRAM CUEN STRAM C	ns*: (Mark all that	promote or	impede recreational conservation lands	uses. Attach photos of evidence	of recreational uses, et
Prounding Conditions of interest.)  City/county parks  Boating accesses	ns*: (Mark all that	promote or  MDC  Natio	impede recreational conservation lands	uses. Attach photos of evidence	of recreational uses, et

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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### Data Sheet B - Site Characterization

Page Two - WBID # 3372-3

Riffle	Width (ft);		Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
Run	Width (ft):		Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
Pool	Width (ft):		Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
Flow	Present?	☐ Yes	<u>□</u> ₩	Estimated (f	t³/sec);		
Downstrea	m View	Physica	l Dimensions:				
	Width (ft):		Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
Run	Width (ft):		Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
Pool	Width (ft):		Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
Flow	Present?	☐ Yes	₽No	Estimated (f	t³/sec):		
Mu	Cobble		% Gravel	% Sand	% Silt	% Mud/Clay	% Bedrock
M/A		(note amo	ount of vegetation o	r algal growth at the asse	essment site)		
N/A	-3	s*: (Mark	c all that apply.)				
M/A ater Chara Odor:	-3	s*: (Mark	all that apply.)	Chemical	None	Other:	
A/A ater Chara Odor: Color:	ecteristics	s*: (Mark   Sewage   Clear	all that apply.)  Musky Green	☐ Chemical	None Milky	Other: N/I	f
A/A ater Chara Odor:	osit:	s*: (Mark	all that apply.)	Chemical	None	-	f
Ader Chara Odor: Color: Bottom Dep Surface Dep Omments: P	posit: Description of the control of	S*: (Mark   Sewage   Clear   Sludge   Oil   Oil	all that apply.)  Musky Green Solids Scum  tional comments  VIDGNCE OF  blely for removal of er conditions. Consists but may point to confirm to the best	Chemical Gray Fine sediments	None Milky None None None None None None None None	Other: Other: Other: Other:  Other:  Other:  Other:  Other:  or other:  Other:	n. NOKM EVE
ater Chara Odor: Color: Bottom Dep Surface Dep omments: P o FLOO his informatio nprehensive unision on the re the undersit	posit:  Please atta on is not to inderstanding ecreation unique and a	S*: (Mark   Sewage   Clear   Sludge   Oil   Oil	all that apply.)    Musky   Green   Solids   Scum  tional comments  VIDENCE OF  plely for removal of er conditions. Consist but may point to confirm to the best e.	Chemical Gray Fine sediments Foam Gray Foam Gincluding informate BRICF From a recreational use design equently, this informatic	None Milky None None None None None None None None	Other: Other: Other: Other:  Tryiews) to this form  SIGN 10.2 [CAN T of  It is to provide a more and to directly influence that effect another use.  mation reported of	n. POKPL EVE n n this UAA

WBID 3372 – Downstream #3



WBID 3372 – Upstream #3



Kansas WB3372-001 WB3372-002 Unnamed Kansas Kansas Republic State Hwy

Workman Br. (WB3372) Greene County, Missouri